

Title (en)  
PIEZO ACTUATOR

Title (de)  
PIEZOAKTOR

Title (fr)  
ACTIONNEUR PIEZOELECTRIQUE

Publication  
**EP 1530807 B1 20071031 (DE)**

Application  
**EP 03792108 A 20030603**

Priority  
• DE 0301810 W 20030603  
• DE 10237589 A 20020816

Abstract (en)  
[origin: DE10237589A1] The piezo-actuator has a multilayer structure with internal electrodes (3,4) between layers in a piezoelectrically active region (A). An inactive region (B,C) without internal electrodes is formed from a material whose mechanical and thermal characteristics correspond to the characteristics of the active region (A), including the combination and interaction of the material of the piezo layers (2) and the internal electrodes (3,4).

IPC 8 full level  
**F02M 51/00** (2006.01); **F02M 51/06** (2006.01); **H01L 41/083** (2006.01); **H01L 41/187** (2006.01)

CPC (source: EP KR US)  
**H10N 30/00** (2023.02 - KR); **H10N 30/50** (2023.02 - EP US)

Citation (examination)  
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DOCDB simple family (publication)  
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